



## **USE OF DIGITAL TECHNOLOGIES IN ELEMENTARY MATHEMATICS LESSONS**

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**Annotation.** The article discusses the importance of digital technologies in primary education and offers recommendations.

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Information and communication technology (ICT) is a powerful tool for transforming and reforming education. Several previous studies have suggested that showed that proper use of ICT can improve the quality of education and connect learning to real-life situations. ICT learning environment for students

helps to turn into a focused environment, students actively participate in learning processes in ICT classes and are allowed by the teacher to make decisions, develop plans, etc. ICT in mathematics education also provides key tools and instruments to help teachers transform teaching methods, support students in independent learning, and actively participate in discovering concepts and mathematical topics.

As a result, students understand mathematical ideas more deeply. Therefore, the integration of ICT in mathematics education is the responsibility of students

can be understood as the result of the ability to use ICT to help them learn mathematics better. This is ICT

opportunities make classroom integration a promising practice, but its success depends on various factors. Research on the use of ICT in mathematics education is also one of the ways to increase the effectiveness and feasibility of using ICT in mathematics education.

The development of primary education is important in the implementation of the educational tasks of the New Uzbekistan Development Strategy [1]. It is important to use different forms, tools and methods of teaching. In this respect, the issue of using digital technologies in primary education is a derivative of today's needs. Here we draw your attention to the analysis of this issue. Digital technology content. In the science of pedagogy, the experience of developing teaching technologies based on information and communication tools has emerged since the 90s of the last century [2]. It should be noted that the main focus is on updating the teaching content, using convenient tools, and improving the learning methodology. In this sense, the following are important in the content of digital technology: 1) preparation of teaching and mastering materials based on computer educational and technical means; 2) development of information and communication didactic support of teaching; Effectiveness of introduction of digital technologies in the

educational process 3) rational use of available technical opportunities in the educational process; 4) to develop the skills of teachers and students in using educational and technical tools.

Today, along with developed countries, Uzbekistan is moving into the digital era, and the changes related to this are clearly visible in most cases, in the production sectors, housing and communal services, trade and other sectors. Nowadays, we transfer the main part of our life to the virtual world: computer, laptop, tablet, smartphone and other devices. We chat, make friends, work, share photos, impressions, thoughts, play games, watch popular movies, click "likes", post information there. The penetration of information resources into the lives of all categories of citizens - from young children to pensioners - forms the opinion that information technologies are able to solve all the problems of modern society. Modern digital technologies provide new tools for the development of all educational institutions around the world.

Modern digital technologies provide new tools for the development of all educational institutions around the world, that is, they are the basis for modernization. Digitization creates opportunities to share lessons learned and knowledge, empowering people to be more informed and make better decisions in their daily lives. In the near future, great changes are taking place in the educational environment related to digitization.[1]

Currently, most of the educational organizations are implementing the initial form of digitization of education. This makes it possible to ease students' access to educational materials, to reduce the educational load that is not of social importance, to facilitate control over the educational discipline and the content of the educational process.

If the role of primary education is correctly understood, the student who is directed by the teacher to the correct understanding of the works in the reading book will be able to work independently, read and understand the opinions of others. learns to progress, to observe the world of feelings of himself and others, to feel others. He discovers the Universe, Man and Self. He directly participates in the formation of his inner "I". [1, 35b]

There are several types of digital technologies that should be used in primary education. In this regard, it is worth mentioning the following main types of digital technologies: 1) computer program-based teaching digital technology; 2) electronic-module technology; 3) distance education technology; 4) independent education technology; 5) individual approach technology; 6) Internet education technology; 7) technology of national portals; 8) personal technology of skilled pedagogues. It is appropriate to use these types of digital technologies based on the school environment and capabilities. For example, today general secondary schools are equipped with modern computer equipment. Therefore, it is important to use the digital technology of computer-based teaching in primary education with its fun, speed and efficiency. For this, the following should be done: a) preparation of computer versions of the topics; b) creating mechanisms for presenting computer options to students and using them; c) providing students with knowledge and skills on relevant topics through virtual communication; g) presentation of prepared

educational materials rich in animation and multimedia images; d) to determine the method of controlling the learning process of students. This approach allows for in-depth teaching of primary education subjects. One of the unique possibilities of digital technologies is the availability of updating educational materials.

The methodical basis of the approach to the integration of education is the integration of intra-subject and inter-subject connections in mastering basic subjects and understanding the laws of things in the world. This can be achieved by returning many times to the concepts of the lessons, deepening and enriching them, identifying important signs that are understandable to this age. Thus, any lesson with a well-formed structure and transfer procedure, including a group of concepts related to this educational subject, can be taken as a basis for integration. Therefore, in the future, the use of digital technologies in all types of education main attention is paid.

In conclusion, the specific characteristics of mother tongue and reading literacy lessons based on modern technologies can change the structures of the student's internal organs by helping students understand literary examples. Characters change in the process of understanding, good character and noble views are formed.

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